

VERSATILE MACHINING INC -- 61B25042 SODIUM SULFIDE 3% -- 6630-00-831-5932

===== Product Identification =====

Product ID:61B25042 SODIUM SULFIDE 3%

MSDS Date:08/26/1987

FSC:6630

NIIN:00-831-5932

Kit Part:Y

MSDS Number: BRYDN

=== Responsible Party ===

Company Name:VERSATILE MACHINING INC

Address:7450 TOWER ST

City:FORT WORTH

State:TX

ZIP:76118-6424

Country:US

CAGE:6S522

=== Contractor Identification

===

Company Name:ANDERSON LABORATORIES INC

Address:5901 FITZHUGH AVE

Box:City:FORT WORTH

State:TX

ZIP:76119

Country:US

Phone:817-547-4474

CAGE:0E6L4

Company Name:VERSATILE MACHINING INC

Address:7450 TOWER ST

Box:City:FORT WORTH

State:TX

ZIP:76118-6424

Country:US

CAGE:6S522

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM SULFIDE, NONAHYDRATE

CAS:1313-84-4

RTECS #:WE1925000

Fraction by Wt: 3%

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by

Wt: 97%

=====
===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (INTRAPERITONEAL-MOUSE): 53 MG/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:DANGER EYE BURNS. HARMFUL IF

SWALLOWED: CORROSIVE & IRRITATING THROUGH THE LIBERATION OF
HYDROGEN SULFIDE & FREE ALKALI. HYDROGEN SULFIDE IS ESPECIALLY
TOXIC. SULFIDES OF HEAVY METALS HAVE LITTLE TOXIC ACTION

EXCEPT

THROUGH THE LIBERATION OF HYDROGEN SULFIDE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: SOFTENING & IRRITATION. INGESTION:
CORROSIVE & IRRITATING.

=====
===== First Aid Measures =====

First Aid:INGESTION: INDUCE VOMITING BY GIVING SYRUP OF IPECAC OR BY
STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON. EYES/SKIN: FLUSH W/PLENTY OF WATER FOR 15 MINS.
OBTAIN MEDICAL ATTENTION IN ALL
CASES.

=====
===== Fire Fighting Measures =====

Unusual Fire/Explosion Hazard:HYDROGEN SULFIDE EVOLVED CAN FORM
EXPLOSIVE MIXTURES W/AIR.

=====
===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. ABSORB OR COVER
W/INERT ABSORBENT MATERIAL. CAREFULLY PICK UP & PLACE IN CLOSED
CONTAINER FOR DISPOSAL. FLUSH SPILL W/PLENTY OF WATER.

=====
===== Handling and Storage =====

=====

Handling and Storage Precautions:DON'T HANDLE UNTIL THE MANUFACTURERS
SAFETY PRECAUTIONS HAVE BEEN READ & UNDERSTOOD.

Other Precautions:AVOID CONTACT W/EYES, SKIN. DON'T EAT, DRINK OR SMOKE
WHILE HANDLING.

=====
===== Exposure Controls/Personal Protection =====

Ventilation:MECHANICAL: AT LEAST 10 AIR CHANGES PER HOUR PER ROOM

Protective Gloves:LATEX

Eye Protection:GLASSES

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. WASH THOROUGHLY A

FTER HANDLING.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:100C
Vapor Pres:20
Spec Gravity:>WATER
Evaporation Rate & Reference:SLOWER THAN ETHER
Appearance and Odor:CLEAR, COLORLESS LIQUID W/CHARACTERISTIC ODOR OF
ROTTEN EGG.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS, STRONG ACIDS
Hazardous Decomposition Products:HYDROGEN S
ULFIDE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person uti
lizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.